

# Intercomparison Program

## for Radionuclide Isotopic Studies Workshop

**Date:** February 28 – March 2, 2006

**Place:** Bldg 215, Room C103, NIST, Gaithersburg, Maryland

**Goal:** Establish a traceability testing and intercomparison program for isotopic measurement of anthropogenic radionuclides

**Background:** The most reliable way to determine the accuracy and validity of measurements is to evaluate a laboratory's measurement capability with known test samples and to trace those measurements back to National standards. Currently there is no such traceability testing program for isotopic analysis, particularly at low-levels. The proposed traceability and intercomparison program would provide samples of complex matrices at various verified radionuclide and isotopic concentrations, as well as guidance on protocol implementation. Workshop participants will be called upon to share their experiences and expertise to develop specific test sample attributes, performance acceptance criteria, and the basis for the programmatic operations.

### **Discussion Issues:**

Previous studies	Nuclides	Matrix
Concentration Range	Isotopic Ratios	Interferences
Sample Size	Replicates	Blanks
Acceptance Criteria	Turnaround Time	Funding
Schedule	Action Items	Path Forward
Time Frame for Repeat		

**Registration and Hotel Information:** [https://rproxy.nist.gov/CRS/conf\\_ext.cfm?conf\\_id=1521](https://rproxy.nist.gov/CRS/conf_ext.cfm?conf_id=1521)

**Registration Fee:** \$150.00

### **Contacts**

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